

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
22 December 2005 (22.12.2005)

PCT

(10) International Publication Number
WO 2005/121435 A1

(51) International Patent Classification⁷: D06F 39/12,
37/26

(21) International Application Number:
PCT/KR2005/001682

(22) International Filing Date: 7 June 2005 (07.06.2005)

(25) Filing Language: Korean

(26) Publication Language: English

(30) Priority Data:
10-2004-0041223 7 June 2004 (07.06.2004) KR
10-2004-0041224 7 June 2004 (07.06.2004) KR

(71) Applicant (for all designated States except US): LG
ELECTRONICS INC. [KR/KR]; 20, Yoido-dong,
Youngdungpo-gu, Seoul 150-721 (KR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): YOON, Seong

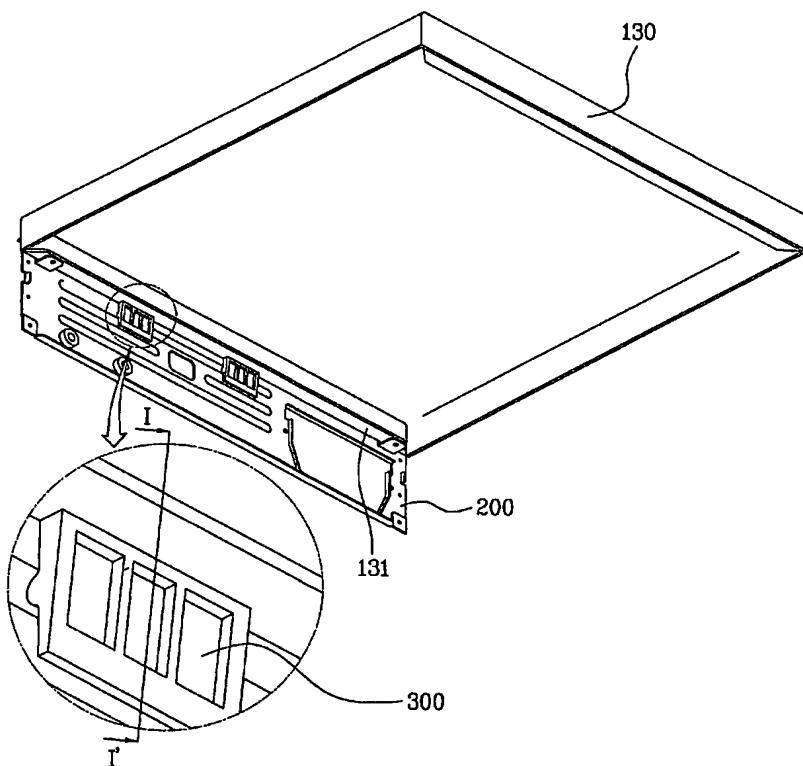
No [KR/KR]; Freevillage 102-704, Sungju-dong 101,
Changwon-si, Gyeongsangnam-do 641-120 (KR). LEE,
Bong Sang [KR/KR]; Daedong APT., 8-102, Sapa-dong
142, Changwon-si, Gyeongsangnam-do 641-770 (KR).
GONG, Sung Rak [KR/KR]; LG Dormitory H-505,
Gaeumjeong-dong 14-5, Changwon-si, Gyeongsang-
nam-do 641-711 (KR). KIM, Bo Yeon [KR/KR]; LG
Dormitory E-423, Gaeumjeong-dong, Changwon-si,
Gyeongsangnam-do 641-711 (KR). LEE, Seong Yeol
[KR/KR]; Geosong Villa B-106, Daemyung 1-dong,
Nam-gu, Daegu 705-031 (KR). KWON, Dae Hee
[KR/KR]; Samchang APT., 915, Cheonghak 2-dong,
Yeongdo-gu, Busan 606-070 (KR).

(74) Agents: BAHNG, Hae Cheol et al.; KBK & AS-
SOCIATES, 15th Floor Yo Sam Building, 648-23,
Yeoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,

[Continued on next page]

(54) Title: A TOP COVER SUPPORTING STRUCTURE OF A WASHER



(57) Abstract: The present invention relates to drum type washing machines, and more particularly, to a top cover supporting structure for covering a top of a drum type washing machine. The top cover supporting structure of the present invention includes a front panel (200), at least one top cover supporting member (210) at an upper portion of a rear of the front panel (200), and a top cover (130) placed to an upper surface of the top cover supporting member (210), thereby permitting to support an enamel coated top cover (130) which can not have a structure like a supporting rib at an edge thereof.

WO 2005/121435 A1



AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

(84) **Designated States (unless otherwise indicated, for every kind of regional protection available):** ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.